Automotive Glass Market by Type (Laminated, Tempered), Application (Windscreen, Sidelite, Backlite, Side & Rearview Mirror), Smart Glass by Technology (SPD, EC, LC, Photochromic & Thermochromic), Application & Region - Global Forecast to 2021

Description: The automotive glass market is projected to grow at a CAGR of 5.46%, to reach a market size of USD 25.12 billion by 2021. The market is driven by factors such as the increasing usage of glass in vehicles, growing trend of laminated side glazing, security concerns, and demand for lightweight glass that increases the fuel efficiency of vehicles. Stringent glass safety regulations such as the Federal Motor Vehicle Safety Standards (FMVSS) for passenger vehicles in the U.S. and other regional regulations are also contributing to the growth of the automotive glass market.

Suspended particle device (SPD) technology is expected to dominate the automotive smart glass market. Smart glass was initially used for windows and doors in automobiles, but extensive R&D into SPD technology has led to its increased adoption in rear mirrors, backlites, and sunroofs. In February 2012, Daimler AG (Germany) launched an all-glass panoramic roof using SPD technology on the Mercedes-Benz 2012 SLK. Approximately 96% of the OEMs that manufacture premium cars now offer glass sunroofs or glass panoramic roofs as either standard or optional equipment.

OEMs such as Mercedes-Benz AG (Germany), Audi AG (Germany), and BMW AG (Germany) offer sunroofs in their vehicle models. Smart glass is extensively used for sunroofs, as sunroofs with smart glass offer cost-saving benefits and provide superior control over light and heat emission, reducing the consumption of the air-conditioning unit by maintaining the car's cabin temperature. This reduces the cooling and lighting costs of the vehicle tremendously.

Asia-Oceania is estimated to dominate the automotive glass market, and is projected to grow at the highest CAGR during the forecast period. This growth can be credited to the improving socio-economic conditions in emerging economies such as China, India, Indonesia, and Thailand. The sizeable populations in countries such as China and India have resulted in increased vehicle parc, which has led to a growing demand for automotive glass. In China, Global OEMs such as Volkswagen AG (Germany) and General Motors (U.S.) cater to the automotive glass market through joint ventures with domestic manufacturers.

Breakdown Of Primaries:

The study contains insights provided by various industry experts, ranging from equipment suppliers to Tier-1 companies and OEMs. The break-up of the primaries is as follows:
- By Company Type - Tier-1 - 63 %, Tier-2 - 29%, and Tier-3 - 8%
- By Designation - C level - 45%, D level - 43%, others - 12%
- By Region - North America - 58%, Europe - 30%, Asia-Oceania - 12%

The report provides detailed profiles of the following companies:
- Saint-Gobain S.A.
- Asahi Glass Co., Ltd.
- Fuyao Glass Industry Group Co., Ltd.
- Webasto SE
- Samvardhana Motherson Automotive System Group BV (SMRPBV)
- Nippon Sheet Glass Co., Ltd.
- Gentex Corporation
- Magna International Inc.
- Inteva Products
- Xinyi Glass Co., Ltd.

Objectives of the Study:
- To define and segment the automotive glass and smart glass market
- To identify the market dynamics and analyze their impact on the automotive glass market
- To segment the market for automotive glass and forecast the market size, by value and volume, based on
type (laminated, tempered, and others)
- To segment the market and forecast the market size, by value and volume, based on smart glass technology (active and passive)
- To segment the market for automotive glass and forecast the market size, by value and volume, based on application (windscreen, sidelite, backlite, and rear and side view mirrors)
- To segment the market for automotive smart glass and forecast the market size, by value and volume, based on application (sunroof, rear/side view mirror, windscreen, and sidelite/backlite)

Target Audience:
- Manufacturers of automotive glass
- Raw material suppliers for automotive glass
- Experts from the automotive smart glass industry
- Dealers and distributors of automotive glass
- Automotive OEMs
- The automobile industry and related end-user industries

By Glass Type:
- Tampered
- Laminated
- Others

Automotive Glass Market, By Application:
- Windscreen
- Sidelite
- Backlite
- Side View and Rearview Mirror

Automotive Smart Glass Market, By Technology:
- Active Glass
- Suspended Particle Device
- Electrochromic
- Liquid Crystal/Polymer Dispersed Liquid Crystal
- Passive Glass
- Photochromic
- Thermochroic

Automotive Smart Glass Market, By Application:
- Sunroof
- Windscreen
- Sidelite/Backlite
- Side/Rearview Mirrors

Automotive Glass Market, By Vehicle Type:
- Passenger Car
- Light Commercial Vehicle
- Truck
- Bus

Automotive Glass and Smart Glass Market, By Region:
- North America
- Europe
- Asia-Oceania
- Rest of the World
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11.6 Nippon Sheet Glass Company., Limited (NSG)
11.7 Gentex Corporation
11.8 Magna International Inc.
11.9 Xinyi Glass Holdings Limited
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*Details on Company at A Glance, Recent Financials, Products Offered, Strategies & Insights, & Recent Developments Might Not Be Captured in Case of Unlisted Companies.

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